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Php Math

php has a set of math function that allows you to perform mathematical tests on number.

pi() function

The pi() function return the value of PI :

Example!

```
<?php
echo (pi());        // returns 3.1415...
?>
```

php min() & max() function

The min & max() function can be used to find the lowest & highest value in a list of arguments.

Example!

```
<?php
echo (min ( 0, 150, 20, -8, -200));    -200
echo (max ( 0, 150, 20, -8, -200));    150
?>
```

Php abs() function

The abs() function return the
absolute (positive) value of a Integer.

Example:
```php
<?php
echo (abs(-6.7));    // Returns 6.7
?>
```

PHP sqrt function

The sqrt() function return the sqrt
root of a number.

```php
<?php
echo (sqrt(64));
?>
```

php round() function

The round() function round a floating-point
number to its nearest integer.

```php
<?php
echo (round(0.60));   // return 1
?>
```

Random Numbers

The rand() function generates a random number.

```php
<?php
echo(rand());
?>
```

To get more control over the random number you can add the optional min & max parameter to specify the lowest integer & the highest integer to be returned.

For example, if you want a random integer between 10 & 100 (inclusive), use rand(10,100)

```php
<?php
echo(rand(10,100));
?>
```